

**Moderator's Committee on Waste Disposal  
Meeting Minutes**

September 3, 2009  
Town Hall Room 408

Members Present: Thomas DeMaio, Frank Freidman, Kenneth Goldstein, Matthew Kleiman, Gerald Koocher, Adam Mitchell, Virginia Smith, Stanley Spiegel, Raymond Wise.

Members Absent: none.

The Notice of Meeting was properly filed and posted, as required by law.

Upon motion duly made and seconded, the Committee unanimously approved the minutes of the Committee's July 9, 2009 meeting.

Ed Gilbert, the town's solid waste manager, and Mr. DeMaio presented an overview of the town's current waste disposal program. Mr. Gilbert's and Mr. DeMaio presentation materials are attached as Exhibit A.

As these materials were reviewed, the committee discussed the following areas:

- Regarding solid waste disposal:
  - The \$85 per ton cost covers charges for pick-up from the transfer station and disposal
- Regarding recycling:
  - The contract cost for pickup of \$128.36 per ton includes the cost of trucks and crews for pickup only
  - Paper provides a rebate to the town which varies based on market conditions
  - Co-mingled materials (glass, plastic, and metal bottles and cans) cost \$25 per ton for disposal once picked up
  - The "Rebate Received for Paper" on the accompanying documents represents the funds received for paper less the costs paid for co-mingled materials
- Regarding the town's trash collection team:
  - The FY09 and FY10 budget line for Personnel has decreased due to a consolidation of collection routes
- Mr. Gilbert and Mr. DeMaio described the move-in period, which was on-going at the time of this meeting. An additional truck was added to "sweep" densely populated areas, and staff have patrolled neighborhoods and ticketed residents who put trash out early or obstructed sidewalks.
- Mr. DeMaio noted that trash generation in Brookline is approximately .75 tons per household while nationally it is 1 – 1.25 tons per household.

The Committee then discussed other approaches to trash and recycling collection.

- Committee members with knowledge of "Single Stream" programs explained that for most households a large, wheeled toter would be provided. Residents would place all recyclable materials together in this toter, wheel it to the curb, and it would be picked up by a recycling company. There was discussion of advantages and disadvantages of this approach, which is being implemented in a number of surrounding communities.
- "Pay As You Throw" models were briefly discussed, along with specific potential impacts to residents.
- The impact of communication and education campaigns, regardless of the way a community recycles was also discussed. The Solid Waste Reduction Initiative Study Committee conducted a 10 household audit of trash and found that 14% of the trash was paper and could have been recycled.

The next meeting was established for October 1, 2009 in room 408.

Tentative agenda topics include:

- Discussion regarding potential vice chair
- Open Meeting Law training from Town Counsel's Office
- Review of actions to date and creation of "roadmap" for the committee
- Presentation by the town's recycling contractor

The meeting was adjourned.

Exhibit A follows.

# Brookline Recycling and Solid Waste Information



## **Summary of Waste in the Town of Brookline Fiscal Years 2000-2009**

### **Fiscal Year 2009**

Total Tons of Solid Waste Produced: 10,181 tons  
Total Tons of Commingle Recycled: 1,245 tons  
Total Tons of Paper Recycled: 3,429 tons  
Total Tons of Metal Disposed: 179 tons  
Total Tons of Yard Waste: 2,680 tons  
Total Rebate Received for Paper: \$136,199.15

### **Fiscal Year 2008**

Total Tons of Solid Waste Produced: 10,990 tons  
Total Tons of Commingle Recycled: 1,221 tons  
Total Tons of Paper Recycled: 3,841 tons  
Total Tons of Metal Disposed: 208.6 tons  
Total Tons of Yard Waste: 3,384 tons  
Total Rebate Received for Paper: \$274,072.00

### **Fiscal Year 2007**

Total Tons of Solid Waste Produced: 11,605 tons  
Total Tons of Commingle Recycled: 1,115 tons  
Total Tons of Paper Recycled: 3,754 tons  
Total Tons of Metal Disposed: 270 tons  
Total Tons of Yard Waste: 2,984 tons  
Total Rebate Received for Paper: \$208,489.00

### **Fiscal Year 2006**

Total Tons of Solid Waste Produced: 12,404 tons  
Total Tons of Commingle Recycled: 1,071 tons  
Total Tons of Paper Recycled: 3,856 tons  
Total Tons of Metal Disposed: 335 tons  
Total Tons of Yard Waste: 3,325 tons  
Total Rebate Received for Paper: N/A

### **Fiscal Year 2005**

Total Tons of Solid Waste Produced: 12,758 tons  
Total Tons recycled: 4,765 tons  
Total Tons of Yard Waste: 3,180 tons  
Total Rebate Received for Paper: N/A

### **Fiscal Year 2004**

Total Tons of Solid Waste Produced: 12,780 tons  
Total Tons of Commingle Recycled: 1,019 tons  
Total Tons of Paper Recycled: 3,638 tons  
Total Tons of Metal Disposed: 214 tons  
Total Tons of Yard Waste: 3,244 tons  
Total Rebate Received for Paper: N/A

### **Fiscal Year 2003**

Total Tons of Solid Waste Produced: 12,696.11 tons  
Total Tons of Recycling: 4,593.26 tons  
Total Tons of Metal Disposed: 248.34 tons  
Total Rebate Received for Paper: N/A

**Fiscal Year 2002**

Total Tons of Solid Waste Produced: 13,092.80 tons  
Total Tons of Recycling: 4,501.67 tons  
Total Tons of Metal Disposed: 318.86 tons  
Total Rebate Received for Paper: N/A

**Fiscal Year 2001**

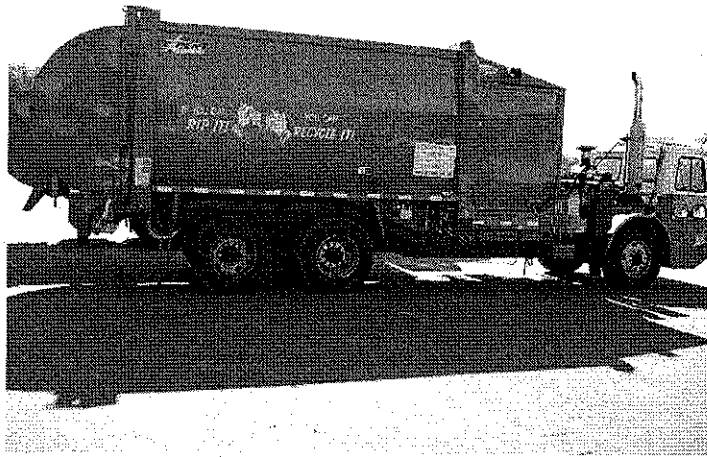
Total Tons of Solid Waste Produced: 12,064.92 tons  
Total Tons of Recycling: 4,238.53 tons  
Total Tons of Metal Disposed: 343.54 tons  
Total Rebate Received for Paper: N/A

**Fiscal Year 2000**

Total Tons of Solid Waste Produced: 13,795.21 tons  
Total Tons of Recycling: 5,170.99 tons  
Total Tons of Metal Disposed: 343.54 tons  
Total Rebate Received for Paper: N/A

# Brookline Recycling and Solid Waste Facts

- (26,200 units in Brookline).13,277 housing units on town service
- 48 businesses on town service
- 3 Solid Waste vehicles Monday through Wednesday (2-31yd packers(15 tons) 1 16yd packer( 8 ton) alleys)
- 4 Solid Waste vehicles Thursdays
- 5 Solid Waste vehicles Fridays
- 1 yard waste vehicle per day (April-November)
- After collection solid waste is taken to the Covanta Waste to Energy facility in Rochester, MA
- Contract cost to haul and dispose of solid waste- \$85 per ton
- Contract cost to dispose of yard waste- \$300 per 50 yard container



- 3 recycling trucks utilized each day
- After collection recycling is taken to FCR Recycling in Charlestown, MA
- Contract cost for curbside recycling- \$128.36 per ton
- Contract cost to Pick-up and dispose of CRTs and TVs/ metal/bulkies- \$6775 to P/u curb side \$350 per trailer load(approx. 250 units TV"s only)5-6 trailers free
- Contract cost to remove CFCs (refrigerators, ACs)- \$14 per unit

## Services Included for \$200 Annual Sanitation Fee

1. Weekly Trash and Recycling Pick-Up
2. Yard Waste Pick-Up 9 Months a Year
3. Metal/ Bulk Item Pick-Up
4. TV/ CRT Pick-Up
5. Weekly Hazardous Waste Disposal

# Cost of Solid Waste and Recycling

## FY 2000

Solid Waste: \$65.74 per ton  
Recycling: \$73.10 per ton  
Metal: \$77,500.00

## FY 2001

Solid Waste: \$68.74 per ton  
Recycling: \$77.44 per ton  
Metal: \$77,500.00

## FY 2002

Solid Waste: \$71.74 per ton  
Recycling: \$100.67 per ton  
Metal: \$77,500.00

## FY 2003

Solid Waste: \$66.80 per ton  
Recycling: \$102.68 per ton  
Metal: \$200.00 per ton

## FY 2004

Solid Waste: \$68.47 per ton  
Recycling: \$106.51 per ton  
Metal: \$204.00 per ton

## FY 2005

Solid Waste: \$70.18 per ton  
Recycling: \$109.61 per ton  
Metal: \$208.10 per ton

## FY 2006

Solid Waste: \$71.93 per ton  
Recycling: \$113.00 per ton  
Metal: \$212.26 per ton

## FY 2007

Solid Waste: \$73.73 per ton  
Recycling: \$116.39 per ton  
Metal: \$217.57 per ton

## FY 2008

Solid Waste: \$77.00 per ton  
Recycling: \$118.72 per ton  
Metal: \$75,000 Annual Fee

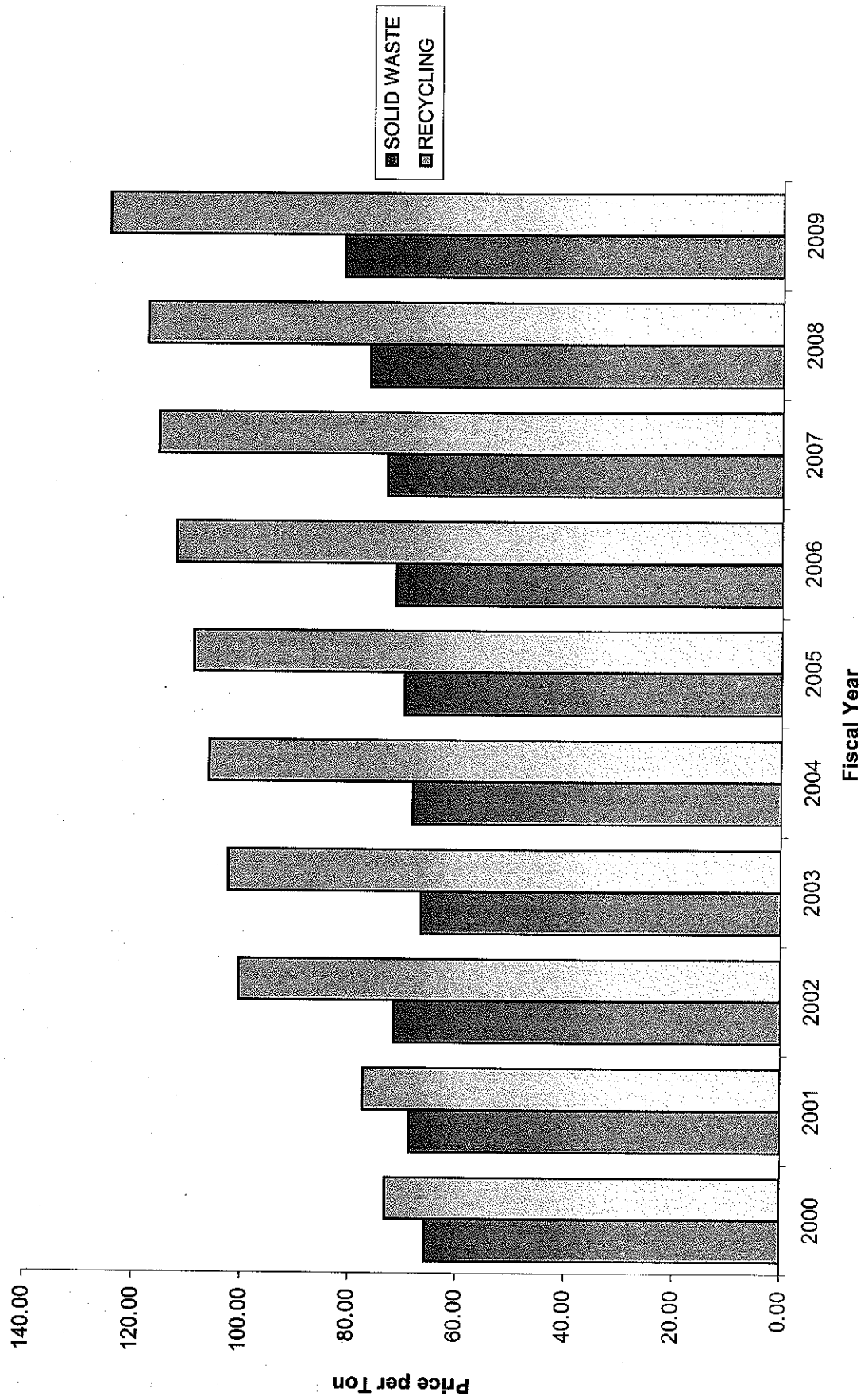
## FY 2009

Solid Waste: 82.00 per ton  
Recycling: \$125.84 per ton  
Metal: \$75,000 Annual Fee

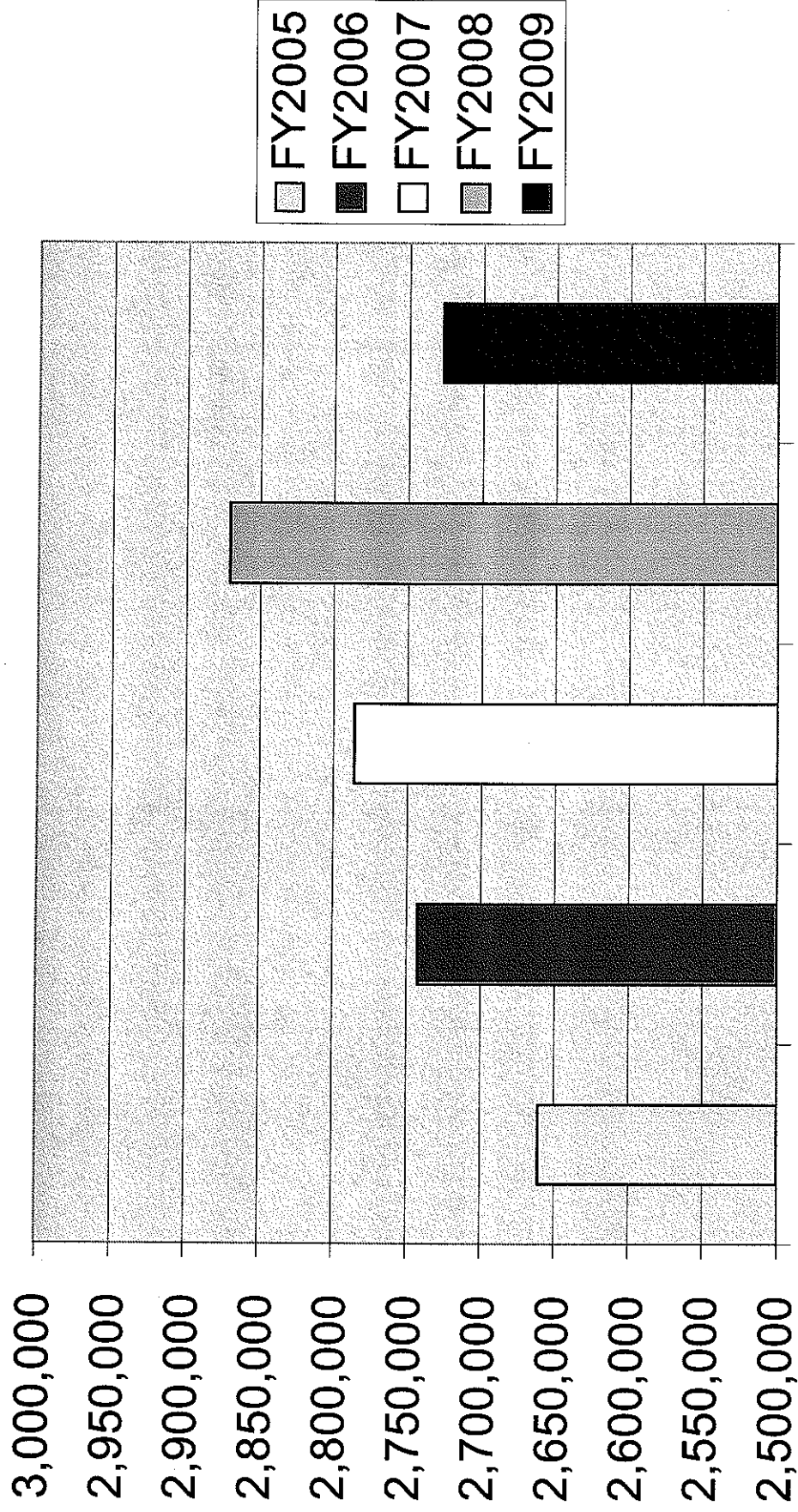


Class of Expenditures	Actual FY2008	Budget FY2009	Request FY2010	FY10 vs. FY09	
				\$ Change	% Change
Personnel	1,057,050	811,229	814,326	3,097	.4%
Services	1,710,626	1,861,950	1,877,594	15,644	.8%
Supplies	19,985	9,015	19,800	10,785	119.6%
Other	-	-	-	-	0
Utilities	10,540	17,858	18,027	169	.9%
Capital	72,219	26,820	87,195	60,375	225.1%
<b>TOTAL</b>	<b>2,870,421</b>	<b>2,726,872</b>	<b>2,816,942</b>	<b>90,070</b>	<b>3.3%</b>

# Cost of Recycling and Solid Waste

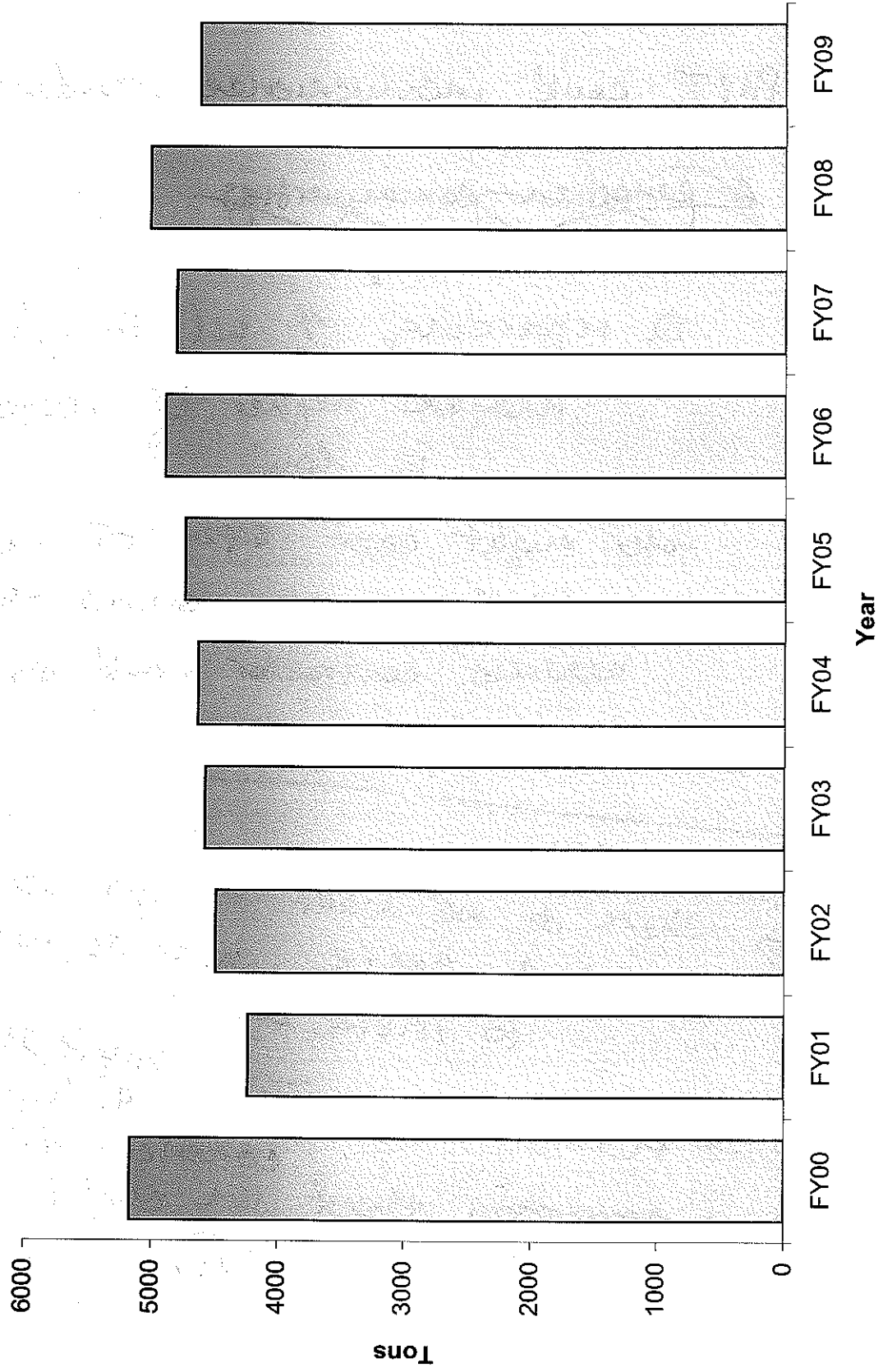


# Brookline Actual for FY2005-2009



FY2005 FY2006 FY2007 FY2008 FY2009

**Brookline Recycling Fiscal Years 2000-2009**



# Brookline Solid Waste Fiscal Years 2000-2009

